

Application Serial No. 09/939,624  
Amendment dated March 22, 2006  
Reply to office Action mailed January 10, 2006

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**REMARKS/ARGUMENTS**

Submitted herewith are copies of previously filed new Powers of Attorney, Change in Correspondence Address, and change in attorney docket number for this application. Also submitted herewith is a Substitute Declaration and Power of Attorney.

With this amendment, Claims 39-62 are pending in this application.

In response to the office action, claims 1-38 were cancelled. New claims 39-62 were added.

**Rejection of Claims 1-38 under 35 U.S.C. §102 (e) as being anticipated by Larsen et al (US Patent No. 6,810,428):**

The rejection of Claims 1-38 under 35 U.S.C. §102(c) as being anticipated by Larsen et al (US Patent No. 6,810,428) is moot in view of the cancellation of Claims 1-38.

**New Claims**

Applicants have herein added new claims 39-62. Support for claims 39-62 can be found in Applicant's originally filed specification. Specifically, support for claims 39, 51, and 52 can be found, for example in paragraphs [0011] through [0013] and paragraphs [0021] through [0029]. Support for claims 40, 41, 54, and 55 can be found in paragraph [0030]. Support for claims 42 and 56 can be found in paragraph [0037]. Support for claims 43 and 53 can be found in paragraph [0031]. Support for claims 44 and 57 can be found in paragraph [0032]. Support for claim 45 can be found in paragraph [0039]. Support for claims 46 and 58 can be found in paragraph [0025]. Support for claims 47 and 59 can be found in paragraph [0027]. Support for claims 48 and 60 can be found in paragraph [0028]. Support for claims 49, 50, 61, and 62 can be found in paragraph [0036]. Consequently, claims 39-62 do not introduce any new matter into the specification.

Applicant's invention as claimed in new claims 39-62 provides a novel capability to ad-hoc networks comprising the ability for ad-hoc nodes not to act as relay nodes (routers) to participate in the network. According to Applicant's invention, an ad-hoc node can change from relaying to not relaying although still remaining active in the network. Prior art, in contrast, always requires ad-hoc nodes to be relay agents. Otherwise a node was outside the ad-hoc network, and at most simply attached to it. Applicant's invention allows a node to dynamically

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move between these modes. Specifically, the Larsen patent does not recite any similar capability. Larsen focuses on routing, especially optimized routing to manage transmit power. While there is some mention of configuration, all of it has to do with configuring rules to optimize routing, not whether a node can relay.

Therefore, since claims 39-62 as recited include patentable subject matter, Applicants respectfully submit that claims 39-62 are in proper condition for allowance and request that claims 39-62 may now be passed to allowance.

No amendment made was related to the statutory requirements of patentability unless expressly stated herein. No amendment made was for the purpose of narrowing the scope of any claim, unless Applicant has argued herein that such amendment was made to distinguish over a particular reference or combination of references.

The Applicants believe that the subject application, as amended, is in condition for allowance. Such action is earnestly solicited by the Applicants.

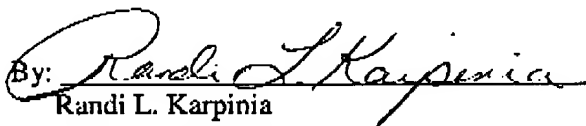
In the event that the Examiner deems the present application non-allowable, it is requested that the Examiner telephone the Applicant's attorney or agent at the number indicated below so that the prosecution of the present case may be advanced by the clarification of any continuing rejection.

The Commissioner is hereby authorized to charge Deposit Account 502117, Motorola, Inc, with any fees which may be required in the prosecution of this application.

Respectfully submitted,

March 22, 2006

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